

SEARCH REQUEST FORM

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Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

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Type of Search

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_____ Other

09/900115

FILE 'REGISTRY' ENTERED AT 12:35:46 ON 19 MAR 2003
L1 64 SEA ABB=ON PLU=ON GAGGGCGGCATGGGGGAGGC|GACCCATGGCAGCCCC
CGTCG|GCAGCAGTTCTTCTCCGTGG/SQSN
L2 5 SEA ABB=ON PLU=ON L1 AND SQL=<50

L2 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2003 ACS
RN 389095-72-1 REGISTRY
CN DNA, d(G-C-A-G-C-A-G-T-T-C-T-T-C-T-C-C-G-T-G-G) (9CI) (CA INDEX
NAME)
CI MAN
SQL 20

SEQ 1 gcagcagttc ttctccgtgg
=====

HITS AT: 1-20

REFERENCE 1: 136:98843

L2 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2003 ACS
RN 389095-71-0 REGISTRY
CN DNA, d(G-A-C-C-C-A-T-G-G-C-A-G-C-C-C-C-G-T-C-G) (9CI) (CA INDEX
NAME)
CI MAN
SQL 21

SEQ 1 gacccatggc agcccccgtc g
=====

HITS AT: 1-21

REFERENCE 1: 136:98843

L2 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2003 ACS
RN 389095-70-9 REGISTRY
CN DNA, d(G-A-G-G-G-C-G-G-C-A-T-G-G-G-G-A-G-G-C) (9CI) (CA INDEX
NAME)
CI MAN
SQL 20

SEQ 1 gagggcggca tgggggaggc
=====

HITS AT: 1-20

REFERENCE 1: 136:98843

L2 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2003 ACS
RN 382844-13-5 REGISTRY
CN GenBank I08267 (9CI) (CA INDEX NAME)
CI MAN
SQL 36

SEQ 1 cacgcagcag ttcttctccg tggagctgaa gcaata
=====

HITS AT: 4-23

RELATED SEQUENCES AVAILABLE WITH SEQLINK

L2 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2003 ACS
RN 160671-10-3 REGISTRY

09/900115

CN GenBank I06215 (9CI) (CA INDEX NAME)
CI MAN
SQL 36

SEQ 1 cacgcagcag ttcttctccg tggagctgaa gcaata
=====

HITS AT: 4-23

RELATED SEQUENCES AVAILABLE WITH SEQLINK

FILE 'HCAPLUS' ENTERED AT 12:37:43 ON 19 MAR 2003
L3 1 S L2

L3 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:51491 HCAPLUS
DOCUMENT NUMBER: 136:98843
TITLE: Transforming growth factor beta (TGF-.beta.)
blocking agent-treated stem cell composition and
method
INVENTOR(S): Bartelmez, Stephen H.; Iversen, Patrick L.
PATENT ASSIGNEE(S): Avi Biopharma, Inc., USA
SOURCE: PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002004479	A1	20020117	WO 2001-US21420	20010706
W: AU, CA, JP, KR RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
AU 2001071873	A5	20020121	AU 2001-71873	20010706
PRIORITY APPLN. INFO.:			US 2000-216256P P	20000706
			WO 2001-US21420 W	20010706

AB The invention relates to TGF-.beta. blocking agent-treated hematopoietic stem cells (HSC) compns. and methods comprising the same. The TGF-.beta. blocking agent-treated stem cells are viable for an extended time in culture without replication or differentiation and upon transfer to appropriate conditions are capable of long term hematopoietic reconstitution. Treatment of HSC with a morpholino antisense oligomer directed to the type II TGF-.beta. receptor was effective to promote the survival of long term repopulating hematopoietic stem cells in culture in the absence of exogenously provided cytokines and was effective to promote both rapid and sustained repopulation of the hematopoietic system of lethally irradiated recipients.

IT 389095-70-9 389095-71-0 389095-71-0D,
reaction with morpholine 389095-72-1
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL
(Biological study); USES (Uses)
(nucleotide sequence, as antisense oligomer; transforming growth
factor beta (TGF-.beta.) blocking agent-treated stem cell compn.
and method)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN

Searcher : Shears 308-4994

09/900115

THE RE FORMAT

FILE 'HOME' ENTERED AT 12:37:53 ON 19 MAR 2003